

U.S. Application Serial No.
09/578,063

Attorney Docket No.
MBI099-030CP1M

**Marked Up Copy of Claims, as Amended
in the Amendment Filed in Response to the
Office Action Dated February 13, 2003**

8. An isolated polypeptide that exhibits a TANGO 294 activity and is selected from the group consisting of:

a) a fragment of a polypeptide which has an amino acid sequence comprising any one of SEQ ID NOs: 47, 49, and the amino acid encoded by clone EpT294, which was deposited as ATCC[®] Accession Number 207220, wherein the fragment comprises at least 40 contiguous amino acid residues of either SEQ ID NO: 47 or the amino acid sequence encoded by clone EpT294;

b) a variant of a polypeptide that has an amino acid sequence comprising any one of SEQ ID NOs: 47, 49 and the amino acid sequence encoded by clone EpT294, wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule having the nucleotide sequence of any one of SEQ ID NOs: 45, 46, and clone EpT294, or a complement thereof, under stringent conditions over the length of said nucleic acid molecule, wherein the stringent conditions comprise hybridization in 6× sodium chloride/sodium citrate (SSC) at 45°C, followed by washing in 0.2× SSC comprising 0.1% SDS at 65°C ; and

c) a polypeptide which is encoded by a nucleotide sequence having a portion which is at least 90% identical to any one of SEQ ID NOs: 45, 46, and the nucleotide sequence of clone EpT294.

30. The isolated polypeptide of claim 8,

wherein the isolated polypeptide is a variant of a polypeptide that has an amino acid sequence comprising any one of SEQ ID NOs: 47, 49, and the amino acid sequence encoded by clone EpT294, and

wherein the polypeptide is encoded by a nucleic acid molecule which hybridizes to a nucleic acid molecule having the nucleotide sequence of any one of SEQ ID NOs: 45, 46, and

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clone EpT294, or a complement thereof, under stringent conditions over the length of said nucleic acid molecule, wherein the stringent conditions comprise hybridization in 6× sodium chloride/sodium citrate (SSC) at 45°C, followed by washing in 0.2× SSC comprising 0.1% SDS at 65°C.